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CA 210 and CAF 310: Now Available With Oil Cooling

Biberach/Riß, 18 May 2009 – At the Ligna 2009 trade fair in Hannover, Vollmer, a company specializing in grinding and eroding machines for tool manufacturing and maintenance, presents its new innovations for the sawmill segment: CA 210 and CAF 310. Both machines are now available with either water or oil cooling. They can be seen at Vollmer's Stand 59 in Hall 27.

“For the first time at Ligna we present our innovated CA 210 and CAF 310 sawmill machines, which are now available with either water or oil cooling,” says Dr.-Ing. Stefan Brand, Managing Director of Vollmer Werke Maschinenfabrik GmbH. “The oil cooling brings significant benefits to our customers: apart from protecting the machine and the workpiece, it also prolongs the machine's service life and reduces maintenance costs.”

CA 210: For Sharpening Band Saw Blades

The CA 210 profile grinding machine is a refinement of the CA 200, designed for automated machining of band saw blades with various tooth pitches and profiles.

On the CA 210 there are two CNC axes controlling the grinding pass and tooth feed. The machine design allows the operator to program and select nearly unlimited tooth profiles on the control panel – completely without tooth cams. The CNC technology makes it possible to grind precise profiles on variably toothed saw blades with different tooth pitches. Moreover, there are programs for winter tooth profiles or for the quick bridging of the tooth base for newly Stellite-tipped saw blades. The grinding machines design is so robust and stable that it can handle band saw blades up to 270 mm wide, ensuring an excellent cut grade.

CAF 310: For Sharpening sides

Our CAF 310 is a side sharpening machine with four CNC-controlled axes. It is designed for all band saw blades, including thin-kerf blades and can now also be operated with oil cooling. The newly developed fast-pace feeding and the resulting shorter non-productive times significantly increase the machining speed. With a blade height up to 100 mm, up to 30 teeth per minute can now be machined depending on the tooth pitch.

The hydraulically controlled CAF 310 machine can be designed for both wet and dry grinding. The machine is very compact and highly stable, comprising a central block, and shows excellent functionality. Its robust design ensures a long service life with top precision. The separated working and machining space protects electrical and mechanical components, reduces maintenance costs and makes servicing easier as it can be easily accessed.

Both stable grinding units with a grinding wheel diameter of 75, 100 or 125 mm ensure optimum chipping performance at high precision and grinding quality.

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About Vollmer Of America

The VOLLMER Group has evolved as the specialist in re-sharpening and production of PCD tooling, Carbide-tipped circular saws, HSS circular saws, and Band saws. VOLLMER Technology & service offers the latest in grinding, erosion and conditioning machines for tooling and circular saw and band saw blades used in woodworking, metal-cutting, and the processing of composite materials.